



**VOLUNTARY REMEDIATION PROGRAM
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**

PROJECT SUMMARY

Site name:	DDF Construction
Applicant Name:	Douglas D. Furbee
Site location:	715 S. Memorial Drive New Castle, IN 47362
VRP Site No.:	6000301
Project Manager:	Brent Dayharsh
Date received:	March 9, 2000
Date completed:	January 29, 2002
Contaminant(s):	BTEX, MTBE, PNAs, Lead
Media Addressed:	Surface Soil, Subsurface Soil, Groundwater
Cleanup Objectives Achieved:	VRP 1996 Tier II Nonresidential
Deed/Land use restrictions:	The property shall not be used for nonresidential purposes
Engineering Controls:	None

Project Summary: The site currently consists of a vacant asphalt parking lot but has been used as the headquarters of a power company, a car repair shop, and the City of New Castle Garage dating back to the early 1900's. Investigations conducted at the site had shown impact from petroleum hydrocarbons with several surface soil samples exceeding VRP Tier II Non-residential cleanup goals for various PNAs. Lead levels in groundwater had also been found to be above the cleanup criteria. The applicant elected to clean up the areas contaminated by PNAs by excavating the top 2 feet of soil in the vicinity of the impacted samples. The lead concentrations in groundwater were shown to be the result of turbidity in the samples. Lead was adsorbed to soil particles which were picked up by the bailer as the monitoring well was being sampled. Confirmation sampling demonstrated that soil and groundwater at the site met VRP Tier II Non-residential cleanup goals for the contaminants of concern.